Attempts Declared No.	
U.S. Patent and Trademark Office: U.S. DEPARTMENT (OF COMMERCE
Approved for use through 10/31/2002.	OMB 0651-0032

UTILITY	Attorney L	Docket No.	361007-000036	
PATENT APPLICATION	First Inver	ntor	H rr, Daniel J seph (Christian
TRANSMITTAL	Title	SUBERMOLEC		
	, ide	FROM SAME	CULAR STRUCTURES A	DEALCES WARE
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express N	Mail Label No.	EL 991559264US	
APPLICATION ELEMENTS		ADDRESS	TO: Mail Stop: Patent	Application Patents
SEE MPEP chapter 600 concerning utility patent application c	ontents.	ADDRESS	Commissioner for I P.O. Box 1450 Alexandria, VA 223	
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		Com	ROM or CD-R in duplicate, language (Appendix)	•
Applicant claims small entity status. See 37 CFR 1.27.		fif applicabl	and/or Amino Acid Sequence le, all necessary)	
2 N C			nputer Readable Form (CRF) tion Sequence Listing on:	
3. Specification [Total Pages: 33] (preferred arrangement set forth below)				ataa).
-Descriptive title of the invention		l	CD-ROM or CD-R (2 cop	pies); or
-Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D		ii	paper paper	
 -Reference to sequence listing, a table, or a computer program listing appendix 		c. State	ements verifying identity of a	bove copies
-Background of the Invention -Brief Summary of the Invention		ACC	COMPANYING APPLICA	ATION PARTS
-Brief Description of the Drawings (if filed) -Detailed Description		9. \square Assi	gnment Papers (cover sheet	& documents(c))
-Claim(s) -Abstract of the Disclosure		°.	` ` ` ` ` _ ' _ '	
C		. —		Power of Attorney
4. Drawing(s) (35 U.S.C. 113) [Total Pages: 14]			en there is an assignee) lish Translation Document (if	f annlicable)
5. Oath or Declaration [Total Pages: 3]		I =	rmation Disclosure	Copies of IDS Citations
a Newly executed (original or copy)		, –	ement (IDS)/PTO-1449	
b Copy from a prior application (37 CFR 1.63 (d))			iminary Amendment	
(for continuation/divisional with Box 18 completed)			ım Receipt Postcard (MPEP	· ·
i. DELETION OF INVENTOR(S)		1 — `	ould be specifically itemized) ified Copy of Priority Docume	
Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR			reign priority is claimed)	ant(s)
1.63(d)(2) and 1.33(b)		1 —	publication Request under 35	5 U.S.C. 122
6. Application Data Sheet. See 37 CFR 1.76			2)(B)(i). Applicant must attacl s equivalent.	h form PTO/SB/35
		17. 🛛 Othe	er: Check in the amount	t of \$856.00
18. If a CONTINUING APPLICATION, check appropriate box,	and suppl	y the requisite info	ormation below and in a p	oreliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:				
Continuation Divisional Continua	ation-in-part	(CIP) of prior app	plication No.: 09/510,802	
Prior application information: Examiner: Jerome Jackson, Jr For CONTINUATION OR DIVISIONAL APPS only: The entire disclose		prior application, fro	Group Art Unit: 2815 om which an oath or declar	ration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying	continuation	on or divisional app	lication and is hereby inco	rporated by reference.
The incorporation can only be relied upon when a portion has been 19. CORE		NCE ADDRESS	submitted application par	ts.
Name STEVEN B. PHILLIPS MOORE & VAN ALLEN				
Address 2200 WEST MAIN STREET, SUITE	800	· ·		
City DURHAM	State	NC	Zip Code	27705
Country US 7	Telephone	919-286-8000	Fax	919-416-8324
Name Steven B. Phillips		Registration I	No. (Attorney/Agent)	37,911
Signature Burden Hour Statement: This form is estimated to take 2 hours to come		ver:	Date	OCT 132003

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Complete if Known

Application Number

Filing Date

First Named Inventor Herr, Daniel Joseph Christian

Examiner Name

Group Art Unit

TOTAL AMOUNT OF PAYMENT

(\$)856.00

Attorney Docket No. 361007-000036

METHOD OF PAYMENT (check all that apply) Check
Deposit Account Deposit 13-4365
Deposit Account Number 13-4365
Account Number Code (\$) Code (\$) Code (\$)
Number Deposit Account Name The Commisioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) Code
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Deposit Account Name The Commisioner Is authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. The Commisioner Is authorized to: (check all that apply) The Commisioner Is author
The Commisioner Is authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. The Commisioner Is authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. The Commisioner Is authorized to: (check all that apply) 112 920° 112 920° Requesting publication of SIR prior to Examiner action 113 1,840° 114 2,520 For filling a request for exparte reexamination Examiner action 115 110 215 55 Extension for reply within first month 116 420 216 210 Extension for reply within second month 117 950 217 475 Extension for reply within third month 118 1,480 218 740 Extension for reply within firth month 119 330 265 260 Plant filing fee 128 2,010 228 1,005 Extension for reply within fifth month 119 330 219 165 Notice of Appeal
The Commisioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments 147 2,520 147 2,520 For filing a request for ex parte reexamination
Charge fee(s) indicated below
Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. The proof of the above-identified deposit account. The
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Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. 113 1,840* 13 1,840*
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1. BASIC FILING FEE
Large Entity Small Entity Small Entity Small Entity Small Entity Extension for reply within second month Fee Fee Fee Fee Description Fee Paid 117 950 217 475 Extension for reply within third month 101 770 201 385 Utility filing fee 770.00 118 1,480 218 740 Extension for reply within fourth month 106 340 206 170 Design filing fee 128 2,010 228 1,005 Extension for reply within fifth month 107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
Fee Fee Fee Fee Description Fee Paid 117 950 217 475 Extension for reply within third month 101 770 201 385 Utility filing fee 770.00 118 1,480 218 740 Extension for reply within fourth month 106 340 206 170 Design filing fee 128 2,010 228 1,005 Extension for reply within fifth month 107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
Fee Fee Fee Fee Pee Description Fee Paid 117 950 217 475 Extension for reply within third month 101 770 201 385 Utility filing fee 770.00 118 1,480 218 740 Extension for reply within fourth month 108 340 206 170 Design filing fee 128 2,010 228 1,005 Extension for reply within fifth month 107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
101 770 201 385 Utility filing fee 770.00 118 1,480 218 740 Extension for reply within fourth month 106 340 206 170 Design filing fee 128 2,010 228 1,005 Extension for reply within fifth month 107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
106 340 206 170 Design filing fee 128 2,010 228 1,005 Extension for reply within fifth month 107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
107 530 265 260 Plant filing fee 119 330 219 165 Notice of Appeal
108 770 208 385 Reissue filing fee 120 330 220 165 Filing a brief in support of an appeal
114 160 214 80 Provisional filing fee 121 290 221 145 Request for oral hearing
138 1,510 138 1,510 Petition to institute a public use proceeding
SUBTOTAL(1) (\$)770.00 140 110 240 55 Petition to revive - unavoidable
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE
Fee from 142 1,330 242 665 Utility issue fee (or reissue) Extra Claims below Fee Paid
Total Claims 10 -20**= 0 X = 143 480 243 240 Design issue fee
Independent 4 -3**= 1 X 86 = 86.00 144 640 244 320 Plant issue fee
Claims = 86.00 122 130 Petitions to the Commissioner
Multiple Dependent 123 50 Processing fee under 37 CFR 1.17(q)
Large Entity Small Entity 126 180 Submission of Information Disclosure Stmt
Fee Fee Fee Fee Description 581 40 Recording each patent assignment per property (times number of properties)
103 18 203 9 Claims in excess of 20
102 86 202 43 Independent claims in excess of 3 146 770 246 385 Filing a submission after final rejection
104 290 204 145 Multiple dependent claims, if not paid (37 ČFR § 1.129(a))
109 86 209 43 ** Reissue independent claims 149 770 249 385 For each additional invention to be examined (37 CFR § 1.129(b))
110 18 210 9 ** Reissue claims in excess of 20 179 770 279 385 Request for Continued Examination (RCE)
169 900 169 900 Request for expedited examination of a design application
SUBTOTAL(2) (\$)856.00 Other fee (specify)
SUBTOTAL(2) (\$)856.00 Other fee (specify)
SUBTOTAL(2) (\$)856.00 Other fee (specify)

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Date

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Signature

Attorney Docket: 361007-000036

EXPRESS MAIL CERTIFICATE

EXPRESS MAIL LABEL NUMBER: EL 991559264US

Date of Deposit: October 18,42003

First Named Inventor: Herr, Daniel Joseph Christian

For: SUPERMOLECULAR STRUCTURES AND DEVICES MADE FROM SAME

I hereby certify that the following documents:

Express Mail Certificate; and

- 1. Patent Application Transmittal (PTO/SB/05)
- 2. Fee Transmittal (PTO/SB/17)
- 3. Amendment Accompanying Transmittal
- 4. Copy of prior application consisting of: 33 pages of specs., 14 pages of drawings, 2 page declaration)
- 5. Information Disclosure Statement, PTO/Form/SB08
- 6. Check in the amount of \$856.00
- 7. Acknowledgement Postcard

are being deposited in a single envelope with the United States Postal Services "Express Mail" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

(Name of Person Mailing Documents)

(Signature of Person Mailing Documents)